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PATENT #RS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James J. Stiscia and Vinson Go

Application No.: 09/516,114

Filed: March 1, 2000

METHOD AND APARATUS FOR For:

ADAPTIVE HYBRID TERMINATION IN A

MULTI-CARRIER COMMUNICATION

SYSTEM

Group Art Unit: 2734

Examiner: Not yet assigned

Attorney Docket No.: 8479-041

SUBMISSION OF FORMAL DRAWINGS

RECEIVED

FEB 1 5 2001

Assistant Commissioner of Patents Washington, D.C. 20231

Technology Center 2600

Sir:

Applicant submits eight (8) formal drawing sheets comprising of Figures 1 through 8. These drawings are to be substituted for the informal drawing sheets previously submitted on March 1, 2000. No fee is believed to be due for the filing of this submission.

For:

Respectfully submitted,

Date February 14, 2001

Nanda K. Alapati

Rory J. Radding

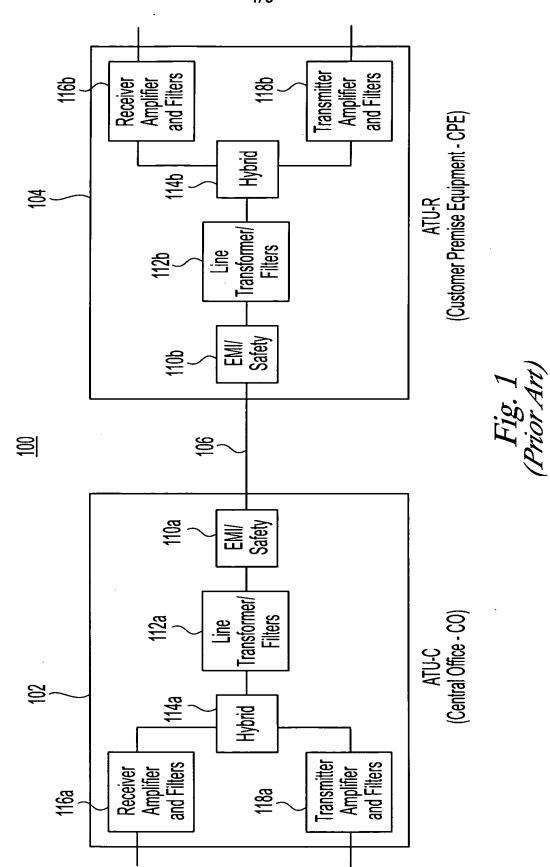
(Reg. No. 39,893)

(Reg. No. 28,749)

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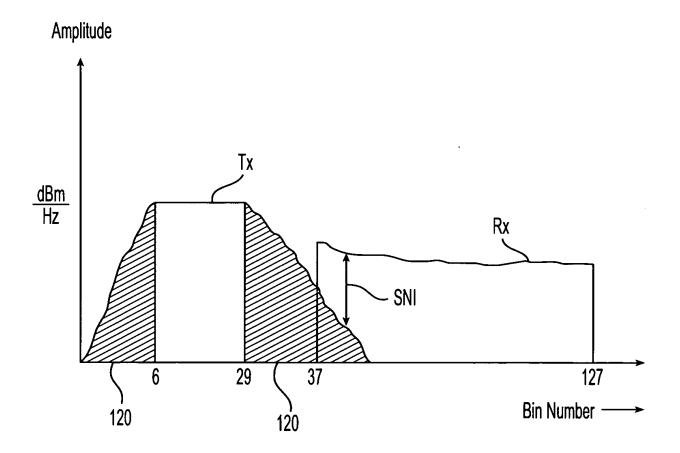


Fig. 2 (Prior Art)

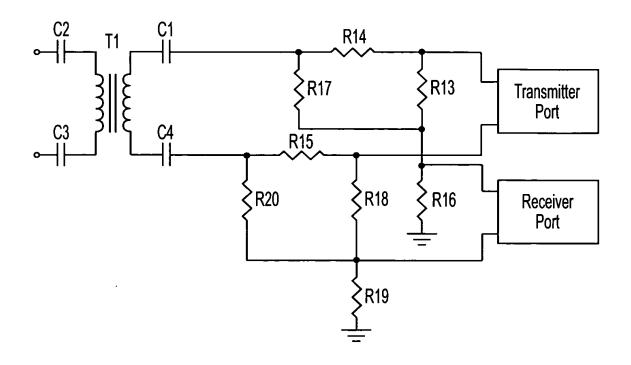


Fig. 3 (Prior Art)

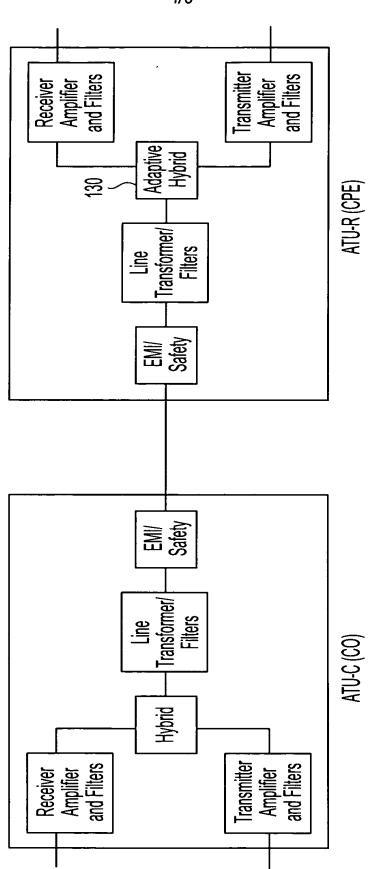


Fig. 4

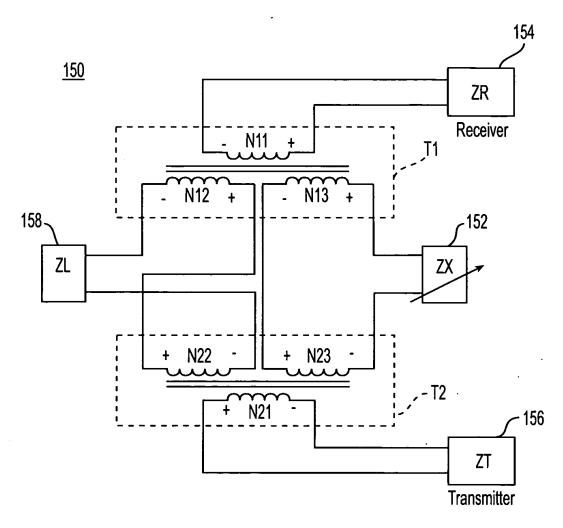


Fig. 5

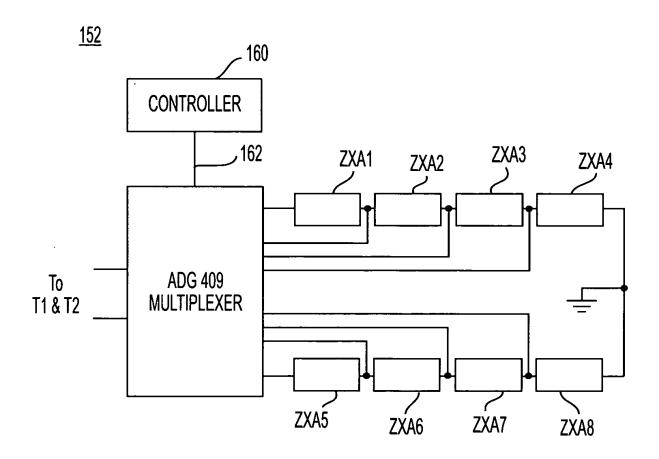


Fig. 6



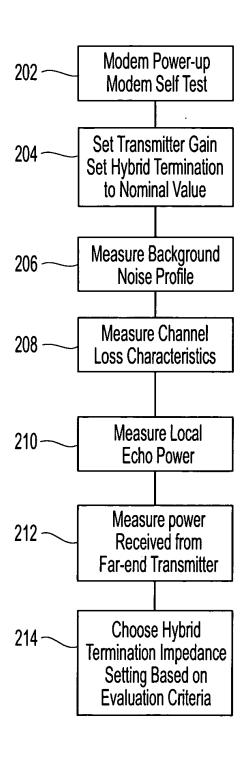


Fig. 7

			8/8	250	
	G.HS			G.HS	
≤ 512	C-QUIET2		—	R-QUIET2	≤ 6 000
≤ 4 436	C-PILOT1 OR	C-PILOT1A			
	C-QUIET2	C-QUIET3A	≥ 496 ≤ 512 ≤ 512		
512	C-REVERB1		_ 	R-REVERB1	4 096
3 072	C-PILOT2		258 260 Last symbol may be shortened by any number of samples 256 Introduction of cyclic prefix		
512	C-ECT			R-QUIET3	≥ 2 047 ≤ 2 048
1 536	C-REVERB2				
512	R-ACK2 then C-PILOT3 R-ACK1 then C-QUIET5			R-ECT	512
1 024	C-REVERB3			R-REVERB2	≥ 1 024 ≤ 1 056
10	C-SEGUE1			R-SEGUE1	10
1 072		S1/C-CRC1 I/C-CRC2	+	R-REVERB3	≥ 1 092 ≤ 4 000
	•		≥ 20 ≤ 2 928	R-SEGUE2	10
			≥ 2 020	R-RATES1/R-CRC1 R-MSG1/R-CRC2	464
16 384	C-ME	EDLEY		R-MEDLEY	16 384

Fig. 8